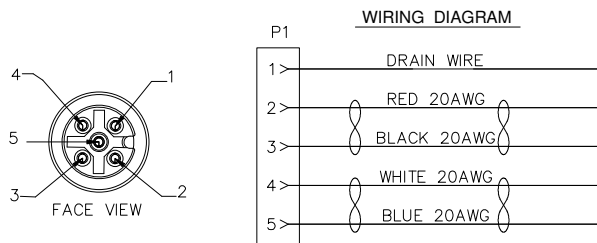
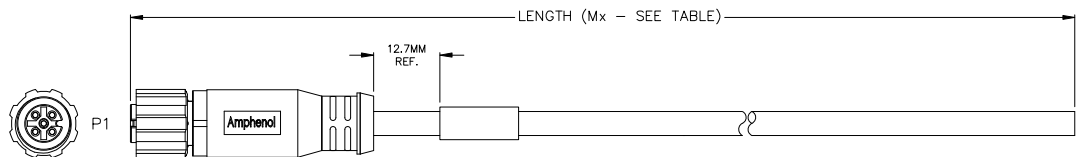


TOLERANCE	
0-2.99 M	= +100.0/-25.0mm
3-8.99 M	= +150.0/-25.0mm
9-14.99 M	= +300.0/-25.0mm
15-OVER M	= +450.0/-25.0mm

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE	28MAR16	JAH	KING



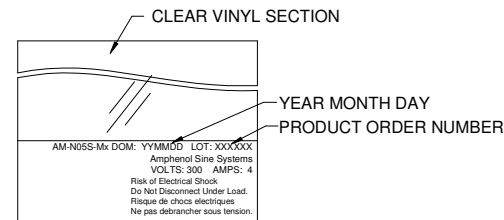
TECHNICAL DATA:

- MATERIALS:**
 COUPLING NUT: THERMOPLASTIC, NYLON, UL94 V-0;
 INSULATION INSERT: THERMOPLASTIC, NYLON, UL 94V-0;
 MACHINED CONTACT: GOLD FLASH PLATING OVER COPPER ALLOY;
 SEAL:EPDM,RED;
 PREMOLD MATERIAL: HOTMELT BLACK;
 OVERMOLD MATERIAL: THERMOPLASTIC, PVC COLOR: GRAY;
 CABLE, 1P*20AWG, SIGNAL PAIR, DOUBLE FOAM-PE INSULATOR,
 1P*20AWG, POWER PAIR, PVC INSULATOR AND NYLON COATED;
 CABLE RATING: 80°C, 300V;
 CABLE JACKET MATERIAL: PVC
 FIXED INSTALLATION BENDING RADIUS : 7*OD


- ELECTRICAL DATA:**
 CURRENT (MAX): 4A
 VOLTAGE (MAX): 300V
 DIELECTRIC TEST VOLTAGE: 500V
- MECHANICAL DATA:**
 TEMPERATURE RANGE: -40°C TO 80°C
 PROTECTION: IP67 (MATED CONDITION)
 MATING CYCLES: >100
- RoHS COMPLIANT**

STANDARD VARIANTS		
P/N	LENGTH (METERS)	
AM-N05S-M0.3	0.3	
AM-N05S-M1	1.0	
AM-N05S-M3	3.0	
AM-N05S-M5	5.0	
AM-N05S-M9	9.0	
AM-N05S-M20	20.0	

LABEL DETAIL:



CUSTOMER DRAWING

PART NUMBER		DESCRIPTION		ITEM
QUANTITY		MATERIALS LIST		
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE
1) All dimensions are in metric (mm).		DRAWN:	FLAN	14AUG15
2) Tolerances are as follows:		CHECKED:	CHELSEA	14AUG15
1 PL DEC ±0.30		ENGINEER:		
2 PL DEC ±0.15		APPROVAL:	KING	14AUG15
3 PL DEC ±0.08		CUSTOMER:		
3) Note reference = 		<div>Sine Systems - www.amphenol-sine.com</div> <div>41724 Morley Drive</div> <div>Clinton Township, MI 48036</div> <div>SINGLE ENDED, NMEA 2000</div> <div>PLUG, FEMALE, SOCKET</div>		
MATERIAL SPECIFICATIONS:				
NOTED				
PROCESS SPECIFICATIONS:				
NEXT ASSY:		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.		
		SIZE:	TYPE:	DWG NO:
		A4	C-	AM-N05S-Mx
		SCALE:	NONE	AM-N05S-Mx
		SHEET	1	OF 1
		REVISION	A1	

Mouser Electronics

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